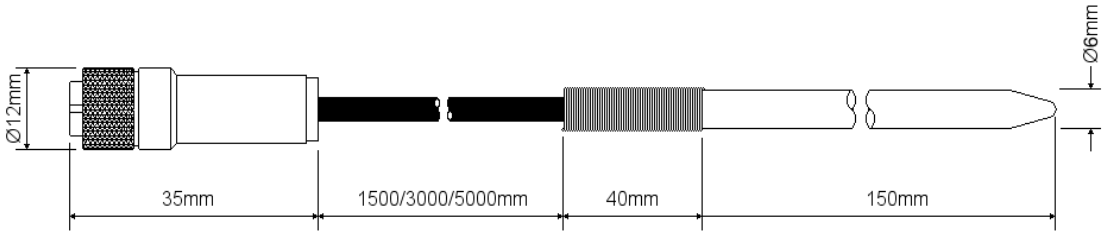
PT100 Oven Probe for use with TGP/TV-4104 (-50 to +250℃)

PB-6007-1M5/3M/5M

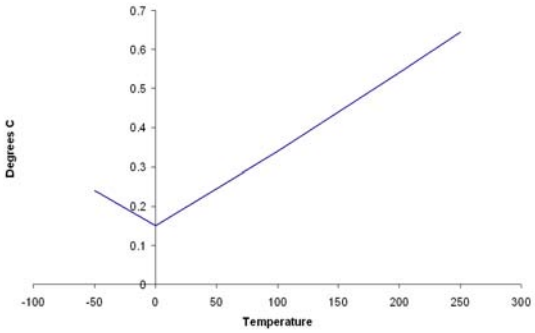
Issue 3: 14th August 2009 (E&OE)



Sensor Specification

Measuring Range	-50℃ to 250℃ (-58℉ to 482℉)
Sensor Type	PT100 (Class A)

Sensor Accuracy



Physical Specification

IP Rating	IP56 (splash-proof)
Weight	75g (2.65oz)
Response Time	
Water	20 Seconds (to 90% FSD)
Moving Air	Typically better than 4 Minutes (to 90% FSD)
Probe	
Material	Stainless steel (316)
Temperature rating	-50℃ to 250℃ (-58℉ to 482℉)
Sheath/Cable Join Strain Relief Spring	
Material	Stainless steel (316)
Temperature rating	-50℃ to 250℃ (-58℉ to 482℉)
Cable	
Material	PTFE
Temperature rating	-50℃ to 250℃ (-58℉ to 482℉)
Connector	
Material	Nickel Plated Brass/Zinc Alloy
Temperature rating	-25℃ to 85℃ (-13℉ to 185℉)

Notes

This probe can be supplied with either a 1.5m, 3m or 5m cable.

For specialist use, for example applications bringing the product into direct contact with food, we can supply material data sheets so you can assess the suitability of this product for your application.

Calibration

A UKAS traceable certificate of calibration can be supplied for an additional charge at the point of purchase.

Approvals

Gemini Data Loggers (UK) Ltd. operates a Quality Management System which conforms to ISO 9001. The scope of the system covers the manufacture, design and supply of data loggers and their associated software, accessories and services.

nqa. ISO 9001 Registered

Related Products

This probe is suitable for use with the following products:

Tinytag Plus 2 model number:

TGP-4104

Tinytag View 2 model number:

TV-4104

data sheet

Measurement and data acquisition solutions

UK / Europe Office
Tel +44 (0)845 9000 601
Fax +44 (0)845 9000 602
info@omni.uk.com
www.omniinstruments.co.uk

Australia / Asia Pacific Office
Tel +61 (0)282 442 363
Fax +61 (0)294 751 278
info@omniinstruments.com.au
www.omniinstruments.com.au

USA / Canada Office
Tel +1-866-849-3441
Fax +1-866-628-8055
info@omniinstruments.net
www.omniinstruments.net